

Northwest EnviroService, Inc.

P.O. Box 24443, Seattle, Washington 98124 (206) 622-1090

WASTE PRODUCT QUESTIONNAIRE

PLEASE DO NOT SEPARATE FORMS

Generator's copy will be
mailed back after NWES review

WPQ 21913

Generator U.S. EPA ID WA D 9 8 0 7 3 8 5 4 6		Sample Number	
Generator Name ALA125 Alaskan Copper Works		Billing Address	
Facility Address 628 South Hanford			
Seattle, WA 98124			
Technical Contact Wayne Larson		Title	Phone (206) 382-6569
Business Contact James Brown		Title	Phone

WASTE PRODUCT DESCRIPTION & CHARACTERISTICS

Waste Product Name
Alkaline battery

Process Generating Waste

Physical State At 70°F. <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Liquid <input type="checkbox"/> Powder	Free Liquids at 70°F. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Volume _____ %	Flash Point <input type="checkbox"/> < 70°F. <input type="checkbox"/> 140°-200°F. <input type="checkbox"/> Closed Cup <input type="checkbox"/> 70°-99°F. <input type="checkbox"/> > 200°F. <input type="checkbox"/> Open Cup <input type="checkbox"/> 100°-139°F. <input type="checkbox"/> No Flash Exact _____	Layers <input type="checkbox"/> Multilayered <input type="checkbox"/> Bi-Layered <input type="checkbox"/> Homogenous
pH <input type="checkbox"/> ≤ 2 <input type="checkbox"/> 10.1 - 12.4 <input type="checkbox"/> > 2 - 4 <input checked="" type="checkbox"/> ≥ 12.5 <input type="checkbox"/> 4.1 - 10 <input type="checkbox"/> Exact _____	Solids <input checked="" type="checkbox"/> By Volume Total 5 % Dissolved _____ % Suspended 95 %	Density or Specific Gravity <input type="checkbox"/> Liquid _____ lbs./gal. <input type="checkbox"/> Solid _____ lbs./ft. ³	Odor <input checked="" type="checkbox"/> None <input type="checkbox"/> Strong <input type="checkbox"/> Mild Describe _____
			Color _____ _____ _____

METALS

<input checked="" type="checkbox"/> Total (PPM)	<input type="checkbox"/> EPA Extraction Procedure (mg/L)
Arsenic (As) ... NT	Mercury (Hg) .. NT
Barium (Ba) NT	Nickel (Ni) NT
Cadmium (Cd) .. NT	Selenium (Se) . NT
Chromium (Cr) . NT	Silver (Ag) NT
Copper (Cu) ... NT	Zinc (Zn) NT
Lead (Pb) NT	Nondetectable .

REACTIVES AND OTHER WASTES (PPM)

Amines NT	PCB's NT
Cyanides NT	HexChrome ... NT
Sulfides NT	Other

WASTE PRODUCT CHEMICAL COMPOSITION (Account For 100% of Total)

	Other (Specify):
H ₂ O _____ %	Metal casing 10 %
HCl _____ %	Alkaline liquid 90 %
H ₂ SO ₄ _____ %	
HNO ₃ _____ %	
NaOH _____ %	
Phenols _____ %	
Chlorides _____ %	

SHIPPING & HANDLING INFORMATION

Proper Shipping Name: **Waste battery, electric storage, wet, filled with alkali.**

DOT Hazard Class: **Corrosive material** I.D. #: **UN2795**

Poison ☐ Yes ☒ No Inhalation Hazard ☐ Yes ☒ No Dangerous When Wet ☐ Yes ☒ No

DOT Shipping Container: Drum ☐ Volume _____ Bulk ☐ Volume _____

Other ☒ Type _____ Volume _____

Projected: _____ Gals/lbs per ☐ mo ☐ yr.

Additional Labels Required:

HAZARDOUS PROPERTIES

U.S. EPA Hazardous Codes **D002** *Corrosivity*

Washington State Codes **WT02**

State Designation DW ☒ EHW ☐

Is Waste Product: ☐ Ignitable ☒ Corrosive ☐ Reactive ☐ None of Above ☐ Other

☐ Subject to Land Disposal Restrictions (If marked, fill out notification sheet)

Special Handling Requirements:

GENERATOR CERTIFICATION STATEMENT

I hereby certify that as an authorized representative of the generator named above, all information submitted in this and all the attached documents is true and accurate. Analysis of the waste was conducted in accordance with the approved test methods in 40 CFR 261 on a representative sample as defined in 40CFR261.20. To the best of my knowledge, all known (40CFR261) and suspected hazardous components have been included in this documentation.

Signature _____ Title _____ Date _____

NWES INC. USE ONLY

Reviewed By	Chemical Nature <input type="checkbox"/> O <input type="checkbox"/> I <input type="checkbox"/> O/I	Date Reviewed	Status <input type="checkbox"/> Approved/Permitted <input type="checkbox"/> Denied <input type="checkbox"/> Pending
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TSDf

AKC-0018727

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Generator U.S. EPA ID WA D 9 8 0 7 3 8 5 4 6		Sample Number	
Generator Name ALAI25 Alaskan Copper Works		Billing Address	
Facility Address 628 South Hanford Seattle, WA 98124			
Technical Contact Wayne Larson		Title	Phone (206) 382-6569
Business Contact James Brown		Title	Phone

WASTE PRODUCT DESCRIPTION & CHARACTERISTICS				
Waste Product Name Alkaline battery				
Process Generating Waste				
Physical State At 70°F. <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Liquid <input type="checkbox"/> Powder		Free Liquids at 70°F. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Volume _____ %		Flash Point <input type="checkbox"/> < 70°F. <input type="checkbox"/> 140°-200°F. <input type="checkbox"/> Closed Cup <input type="checkbox"/> 70°-99°F. <input type="checkbox"/> > 200°F. <input type="checkbox"/> Open Cup <input type="checkbox"/> 100°-139°F. <input type="checkbox"/> No Flash Exact _____
pH <input type="checkbox"/> < 2 <input type="checkbox"/> 10.1-12.4 <input type="checkbox"/> > 2-4 <input checked="" type="checkbox"/> ≥ 12.5 <input type="checkbox"/> 4.1-10 <input type="checkbox"/> Exact	Solids <input checked="" type="checkbox"/> By Volume Total 5 % Dissolved _____ % Suspended 95 %	Density or Specific Gravity <input type="checkbox"/> Liquid _____ lbs./gal. <input type="checkbox"/> Solid _____ lbs./ft. ³	Odor <input checked="" type="checkbox"/> None <input type="checkbox"/> Strong <input type="checkbox"/> Mild Describe _____	Layers <input type="checkbox"/> Multilayered <input type="checkbox"/> Bi-Layered <input type="checkbox"/> Homogenous Color

METALS		WASTE PRODUCT CHEMICAL COMPOSITION (Account For 100% of Total)	
<input checked="" type="checkbox"/> Total (PPM)	<input type="checkbox"/> EPA Extraction Procedure (mg/L)	Other (Specify):	
Arsenic (As) NT	Mercury (Hg) NT	H ₂ O _____ %	Metal casing 10 %
Barium (Ba) NT	Nickel (Ni) NT	HCl _____ %	Alkaline liquid 90 %
Cadmium (Cd) NT	Selenium (Se) NT	H ₂ SO ₄ _____ %	
Chromium (Cr) NT	Silver (Ag) NT	HNO ₃ _____ %	
Copper (Cu) NT	Zinc (Zn) NT	NaOH _____ %	
Lead (Pb) NT	Nondetectable	Phenols _____ %	
REACTIVES AND OTHER WASTES (PPM)		Chlorides _____ %	
Amines NT	PCB's NT		
Cyanides NT	HexChrome NT		
Sulfides NT	Other		

SHIPPING & HANDLING INFORMATION		HAZARDOUS PROPERTIES	
Proper Shipping Name: Waste battery, electric storage, wet, filled with alkali.		U.S. EPA Hazardous Codes D002	
DOT Hazard Class: Corrosive material I.D. #: UN2795		Washington State Codes WT02	
Poison <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Inhalation Hazard <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Dangerous When Wet <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		State Designation DW <input checked="" type="checkbox"/> EHW <input type="checkbox"/>	
DOT Shipping Container: Drum <input type="checkbox"/> Volume Bulk <input type="checkbox"/> Volume		Is Waste Product: <input type="checkbox"/> Ignitable <input checked="" type="checkbox"/> Corrosive <input type="checkbox"/> Reactive <input type="checkbox"/> None of Above <input type="checkbox"/> Other	
Other <input checked="" type="checkbox"/> Type _____ Volume _____		<input type="checkbox"/> Subject to Land Disposal (see attachment sheet)	
Projected: _____ Gals/lbs per <input type="checkbox"/> mo <input type="checkbox"/> yr.		Special Handling Requirements	
Additional Labels Required:		X BW	

GENERATOR CERTIFICATION STATEMENT			
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Signature	Title	Date	Waste was suspected
Wayne Larson	Manager	10/11/89	

NWES INC. USE ONLY			
Reviewed By	Chemical Nature	Date Reviewed	Status
Michael S. White	<input type="checkbox"/> O <input checked="" type="checkbox"/> I <input type="checkbox"/> OI	10-12-89	<input checked="" type="checkbox"/> Approved/Permitted <input type="checkbox"/> Denied <input type="checkbox"/> Pending
Generator			

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pH <input type="checkbox"/> < 2 <input type="checkbox"/> 10.1 - 12.4 <input type="checkbox"/> > 2 - 4 <input checked="" type="checkbox"/> ≥ 12.5 <input type="checkbox"/> 4.1 - 10 <input type="checkbox"/> Exact	Solids <input checked="" type="checkbox"/> By Volume Total 5 % Dissolved _____ % Suspended 95 %	Density or Specific Gravity <input type="checkbox"/> Liquid lbs./gal. <input type="checkbox"/> Solid lbs./ft. ³	Odor <input checked="" type="checkbox"/> None <input type="checkbox"/> Strong Describe _____
		Color	

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Copper (Cu) NT	Zinc (Zn) NT	NaOH _____ %	
Lead (Pb) NT	Nondetectable	Phenols _____ %	
REACTIVES AND OTHER WASTES (PPM)		Chlorides _____ %	
Amines NT	PCB's NT		
Cyanides NT	HexChrome NT		
Sulfides NT	Other		

SHIPPING & HANDLING INFORMATION		HAZARDOUS PROPERTIES	
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Poison <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Inhalation Hazard <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Dangerous When Wet <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		State Designation DW <input checked="" type="checkbox"/> EHW <input type="checkbox"/>	
DOT Shipping Container: Drum <input type="checkbox"/> Volume Bulk <input type="checkbox"/> Volume		Is Waste Product: <input type="checkbox"/> Ignitable <input checked="" type="checkbox"/> Corrosive <input type="checkbox"/> Reactive <input type="checkbox"/> None of Above <input type="checkbox"/> Other	
Other <input checked="" type="checkbox"/> Type _____ Volume _____		<input type="checkbox"/> Subject to Land Disposal Restrictions (If marked, fill out notification sheet)	
Projected: _____ Gals/lbs per <input type="checkbox"/> mo <input type="checkbox"/> yr.		Special Handling Requirements:	
Additional Labels Required:		X BW	

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Signature _____ Title _____ Date 10/11/89

NWES INC. USE ONLY			
Reviewed By Michael D. Sullivan	Chemical Nature <input type="checkbox"/> O <input checked="" type="checkbox"/> I <input type="checkbox"/> OI	Date Reviewed 10-12-89	Status <input checked="" type="checkbox"/> Approved/Permitted <input type="checkbox"/> Denied <input type="checkbox"/> Pending
EOC T28C T38C T73T T31T T41T T44T			
GENERATOR			